



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending June 12, 2011

## WHEAT HARVEST TAKES OFF AS HIGH TEMPS PERSIST

Spurred on by another week of hot, dry conditions, Tennessee’s wheat farmers were able to harvest well over a third of the crop last week. Producers have harvested more of the winter wheat crop by this time of year than any other spring since 2006. Warmer than average temperatures coupled with a lack of widespread rainfall could pose a threat to other crops but by week’s end the corn, cotton, and soybean crops were rated in mostly fair to good condition. Although some areas were reported to be very dry for this time of year, most of the state’s pastureland was rated in fair to good condition. Planting of double-cropped soybeans began last week following wheat harvest. Other farm activities last week included cutting hay, transplanting tobacco, and side-dressing crops.

There were 7 days suitable for fieldwork across the state. Topsoil moisture levels were rated 15 percent very short, 38 percent short, 45 percent adequate and 2 percent surplus. Subsoil moisture levels were rated 6 percent very short, 29 percent short, 62 percent adequate and 3 percent surplus. Temperatures averaged 6 to 8 degrees above normal across the state. Precipitation levels were below normal as most areas experience only scattered rainfall.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2010	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Emerged	98	91	99	98	Corn	2	7	30	46	15
Cotton – Planted	97	85	99	99	Cotton	1	10	28	59	2
Hay – First Cutting	89	77	78	85	Pastures	3	12	32	47	6
Soybeans – Planted	73	46	79	75	Soybeans	1	4	19	67	9
Soybeans – Emerged	44	25	62	60						
Tobacco – Transplanted	78	68	81	81						
Winter Wheat – Ripe	88	14	66	70						
Winter Wheat – Harvested	37	n/a	9	18						

n/a = not available

### County Agent Comments

*“Extreme heat conditions are beginning to show effects on corn. Thrips numbers in our cotton are the highest ever seen. Good progress being made on soybean planting in creek bottoms and hill areas of county. Farmers in river bottoms still struggling with flooded acres. Wheat harvest has begun in full swing this week.”*

**Tim Campbell, Dyer County**

*“The farmers in Fayette County were busy this week planting beans and harvesting wheat. Things have changed from a month ago when it was cold and wet. Today it is hot and dry. Corn is showing signs of stress and farmers are chasing moisture to plant. Thrips have been bad on cotton this year and weeds are becoming a problem for some.”*

**Jeffery D. Via, Fayette County**

*“Another extremely hot and dry week has taken its toll on all crops. Corn is twisting during the day, pastures are drying up and newly planted soybeans are in desperate need of moisture.”*

**Calvin Bryant, Lawrence County**

*“Scattered showers on Thursday afternoon really benefitted those who got them. Some received as much as 1.25 inches and had water standing in fields and ditches while others didn't get any. There are areas where corn is showing significant stress due to lack of rain. Pastures and lawns with tall fescue and thin soil are getting some big brown places.”*

**Mitchell Mote, Rutherford County**

*“Hot weather has hurried the wheat crop up. Harvest was in full swing by Wednesday, which is the earliest anyone can remember. Quality and test weight have been good.”*

**Ed Burns, Franklin County**

*“Not a crop disaster yet but need rain soon on late planted corn and non-irrigated tobacco. Tomato growers are reporting delays in ripening and reduced fruit set due to heat. Wheat is ripening quickly.”*

**Mannie Bedwell, Hamblen County**

TEMPERATURES AND PRECIPITATION  
For week ending: June 12, 2011 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending June 12, 2011				Current Week 6/12/11	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	97	65	82	8	0.11	1	30.57	4.63	18.05	5.88
Brownsville_TN	97	66	82	7	0.40	1	34.91	8.81	22.33	10.03
Covington	96	64	81	6	0.33	1	34.40	8.47	22.71	10.46
Dyersburg	99	66	84	8	0.43	1	31.15	7.23	17.98	6.88
Huntingdon_Wate	98	66	82	9	0.32	1	34.44	9.32	20.13	8.77
Jackson_Exp_Stn	96	65	82	9	0.86	1	32.05	6.48	20.21	7.92
Lexington_TN	95	64	80	7	0.48	1	28.61	4.22	17.08	5.88
Martin	98	66	84	10	0.92	1	36.75	11.99	20.30	8.78
Memphis_AG	99	67	83	6	0.74	1	34.13	8.70	22.51	10.57
Milan	97	65	82	9	0.56	1	35.53	9.75	21.58	9.42
Paris	94	65	80	8	0.54	1	39.03	14.44	23.04	11.96
Savannah_6SW	97	62	81	6	0.12	1	31.57	3.18	17.03	4.10
Selmer	99	66	81	9	0.29	1	29.35	1.36	17.02	4.27
Union_City	95	67	82	9	0.44	2	34.04	9.34	18.87	7.35
Middle										
Clarksville_Sew	95	66	81	9	0.24	1	36.35	12.38	21.94	11.62
Cookeville	92	64	78	8	0.57	4	33.40	6.62	16.93	5.18
Crossville_AP	89	62	76	8	0.62	2	26.20	-0.42	11.55	-0.05
Dickson_AG	91	63	77	5	0.00	0	31.78	5.91	16.61	4.75
Dover_1W	95	66	80	8	0.43	2	39.73	14.75	23.14	12.06
Fayetteville_TN	95	63	80	9	0.04	1	29.48	2.96	12.80	1.56
Jamestown	91	62	76	8	0.89	3	34.63	9.33	16.98	5.52
Kingston_Spring	94	65	80	9	0.39	2	27.84	3.05	14.75	3.93
Lawrenceburg_Fl	95	65	80	10	0.18	2	30.15	2.58	16.27	4.52
Lewisburg	98	60	79	8	0.00	0	30.27	3.78	15.01	3.10
Linden	96	65	81	9	0.25	2	30.06	2.94	17.22	5.09
Livingston_WLIV	92	64	78	7	0.37	2	36.16	11.73	17.07	6.16
Murfreesboro_5N	96	62	80	8	1.57	4	27.90	2.67	13.92	2.47
Nashville_Metro	97	65	82	9	0.03	1	24.37	1.37	11.92	1.16
Oneida	90	59	76	8	0.30	2	35.17	9.74	16.34	4.78
Portland_TN	94	67	81	10	0.18	2	32.00	7.26	15.96	4.52
Pulaski_Water_P	94	64	79	5	0.09	1	30.91	4.30	16.12	4.90
Shelbyville	95	64	80	8	0.04	1	30.73	4.40	14.36	2.91
Sparta_TN	95	64	79	8	1.23	3	30.45	4.37	14.77	3.26
Springfield	94	64	80	9	0.27	2	30.31	6.54	16.04	5.14
Springhill	97	60	79	8	0.00	0	25.26	-1.56	12.90	0.69
Tulahoma	93	64	79	7	0.00	0	27.04	-0.63	13.01	1.31
East										
Chattanooga/Lov	98	66	82	9	0.15	1	29.00	3.22	10.61	0.56
Cleveland_6NNE	94	62	78	7	0.46	3	25.62	-0.83	11.19	0.30
Dayton	95	63	79	7	0.67	3	29.11	1.83	12.41	1.15
Erwin_1W	93	59	76	9	0.06	1	22.83	0.91	11.32	0.91
Gatlinburg_2SW	91	56	75	7	1.04	3	26.31	0.99	11.86	0.48
Greeneville	93	57	76	7	0.03	1	20.11	0.62	9.49	0.69
Kingston_AG	94	64	80	10	0.09	2	27.66	-0.02	11.21	-0.39
Knoxville_AP	96	64	81	10	0.07	1	24.78	2.05	10.82	1.41
Newcomb	92	62	77	9	1.15	2	29.18	3.75	14.67	3.11
Norris_4NE	92	57	76	7	0.25	2	28.34	3.69	11.79	1.03
Tri-City_RGNL_A	92	60	77	8	0.13	2	23.41	4.53	10.66	2.15

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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